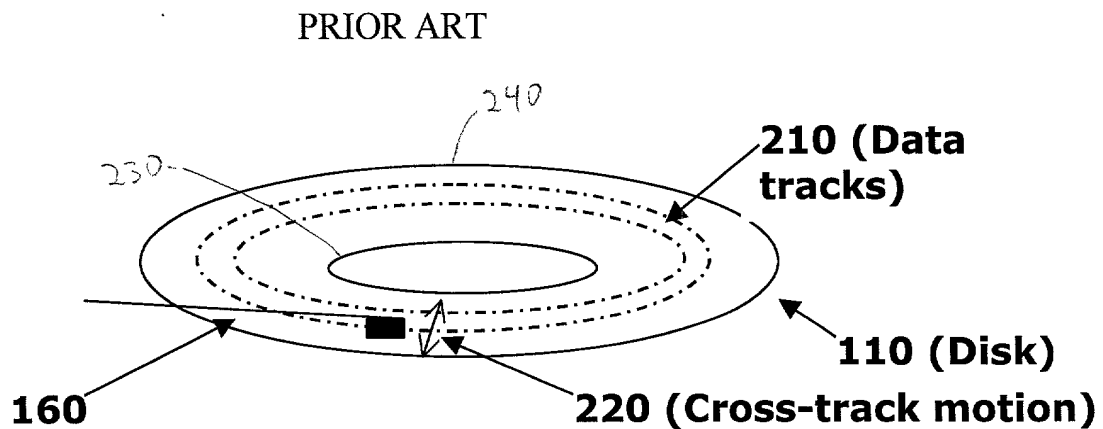


Fig. 1. A schematic drawing of a disk drive and some of the components



PRIOR ART

Fig. 2. Cross-track motion causing track mis-registration error (TMR)

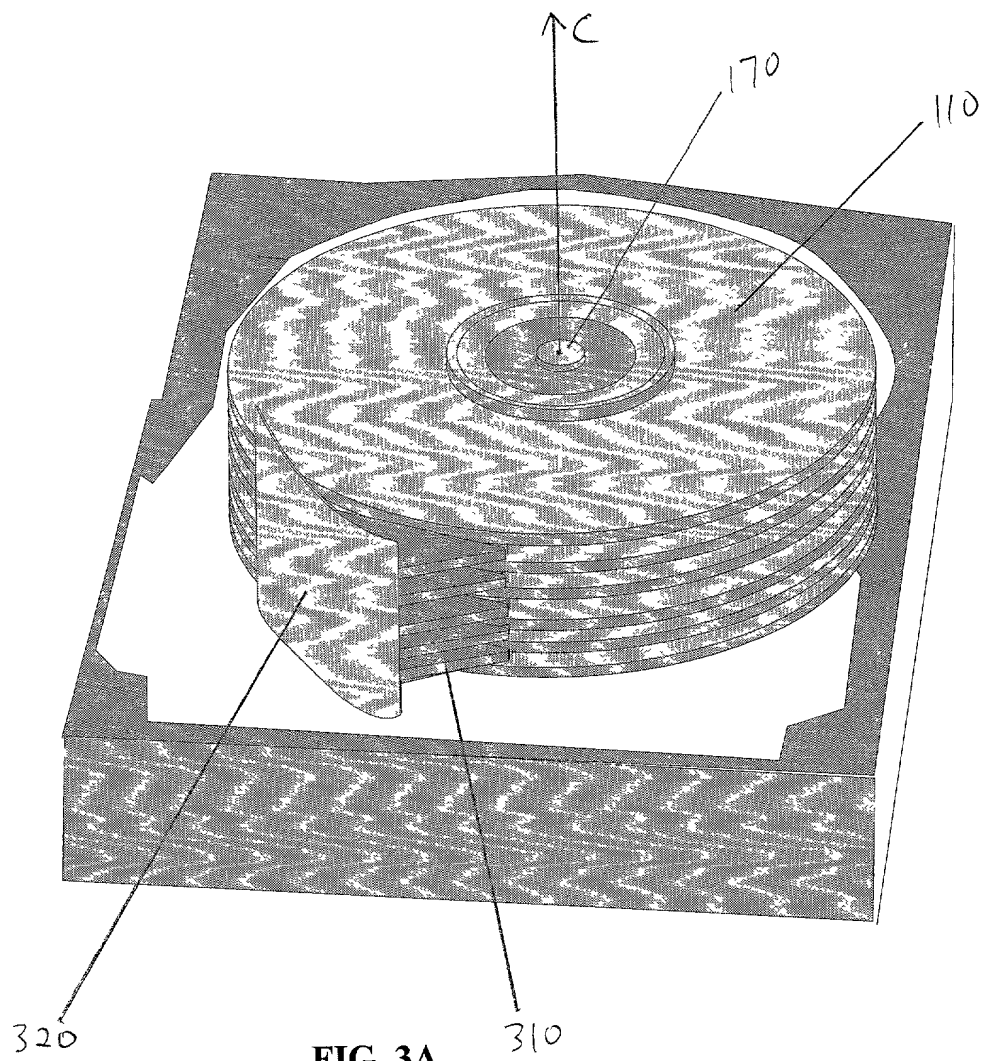


FIG. 3A

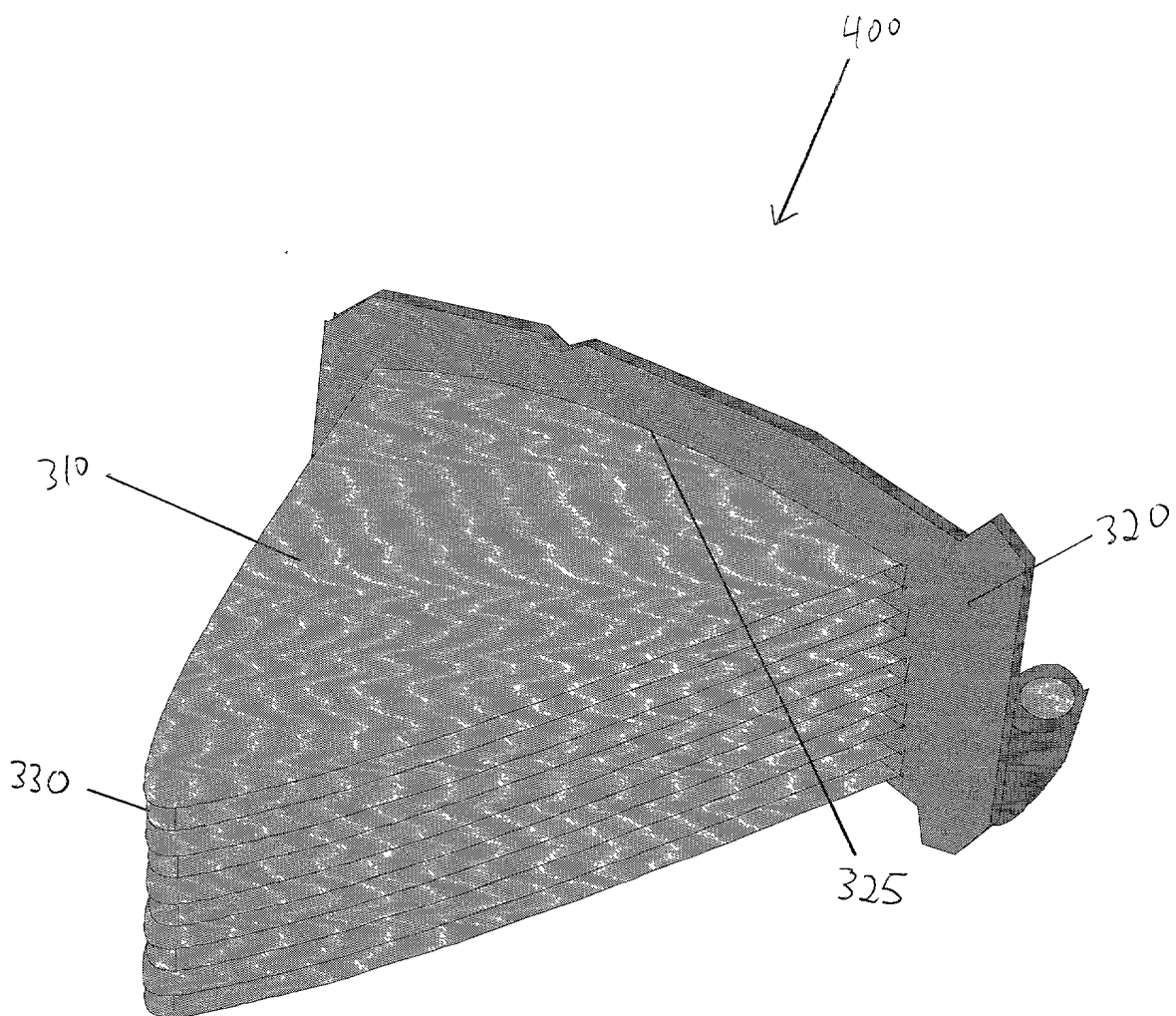


FIG. 4A

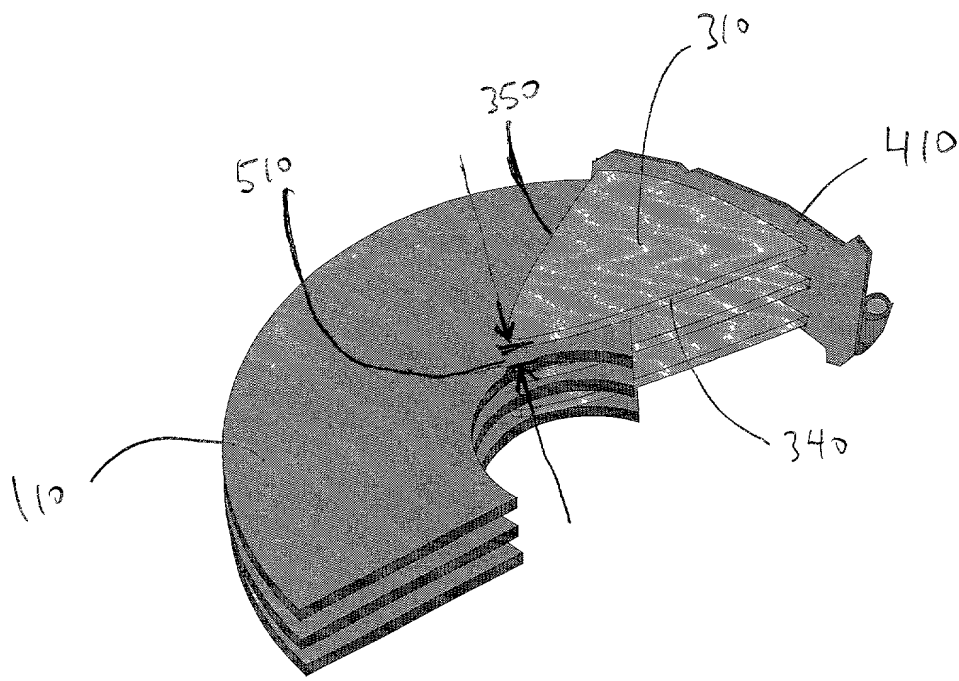


FIG. 5

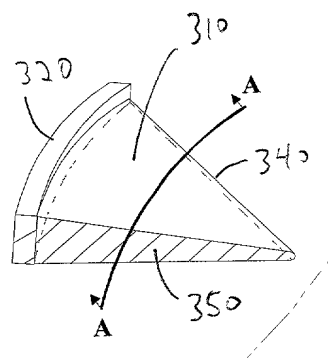


FIG. 6A

SECTION AA

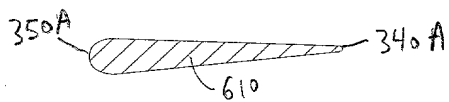


FIG. 6B

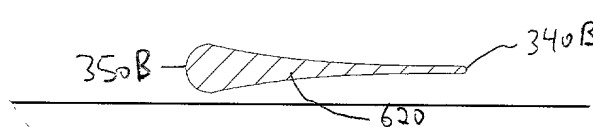


FIG. 6C

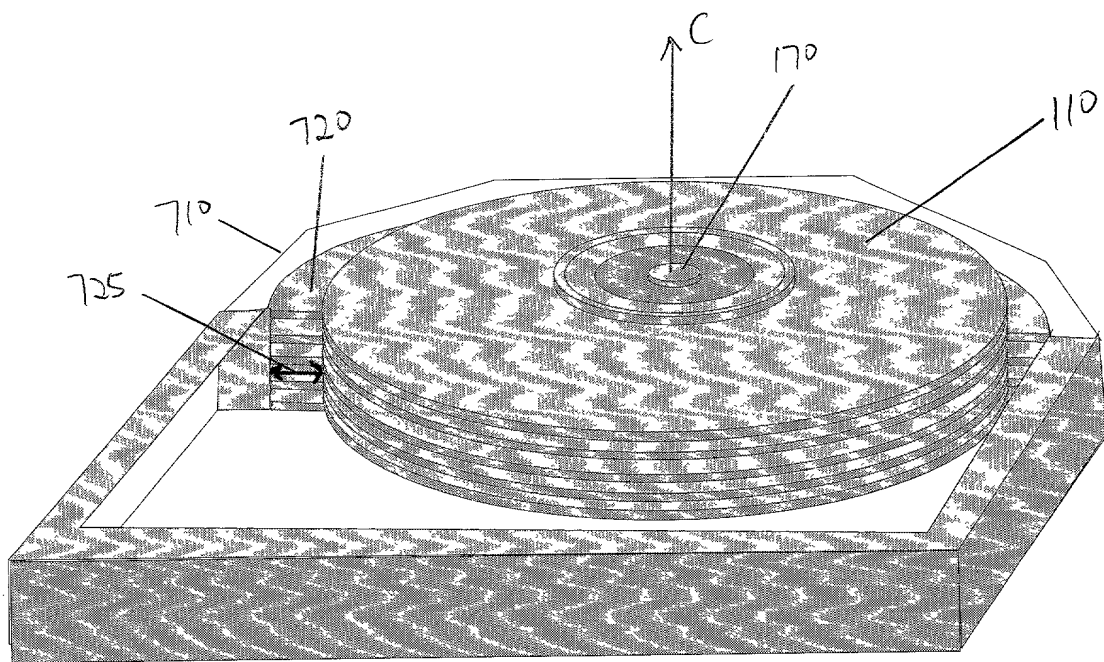


FIG. 7A

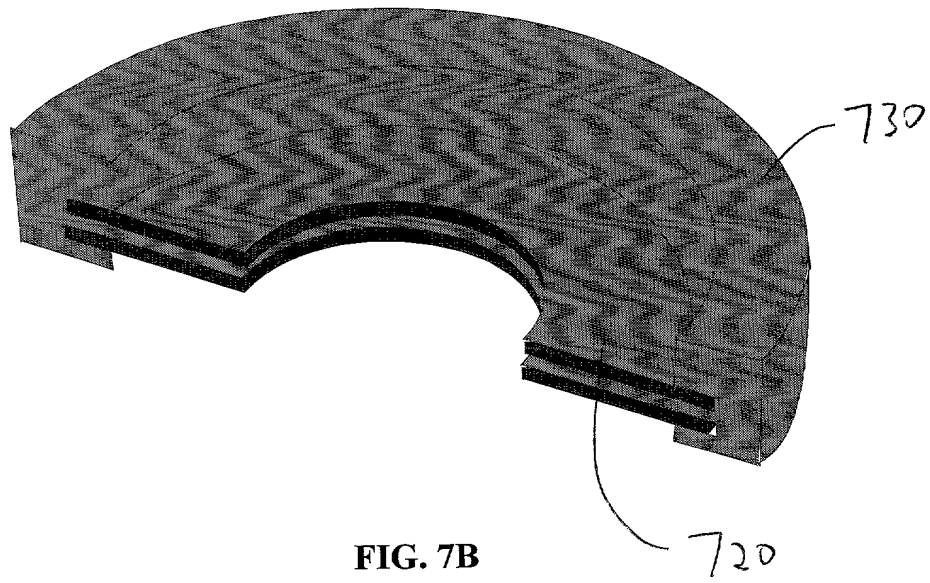


FIG. 7B

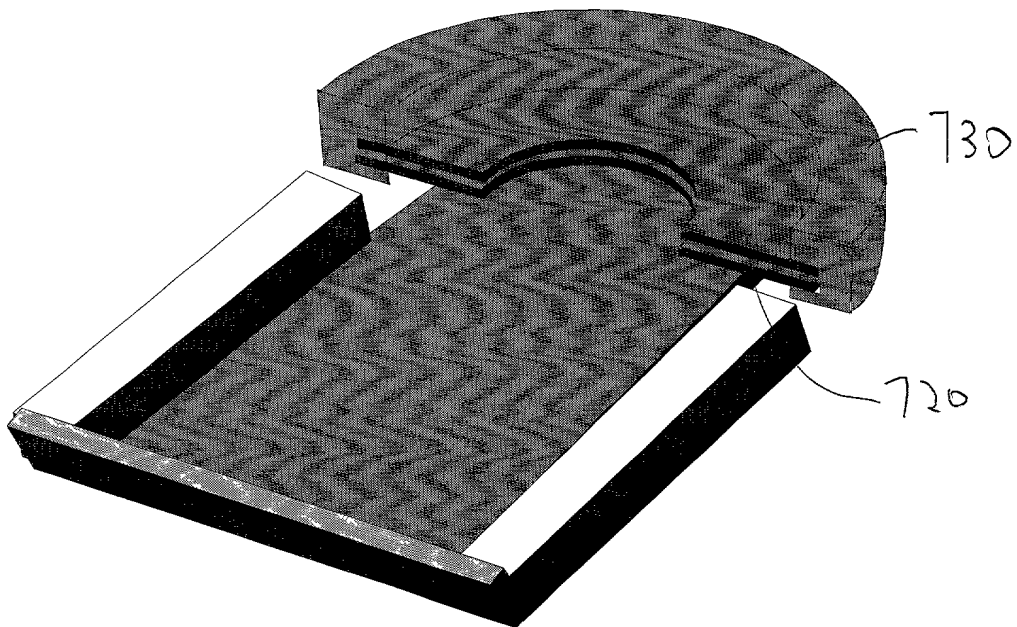


FIG. 7C

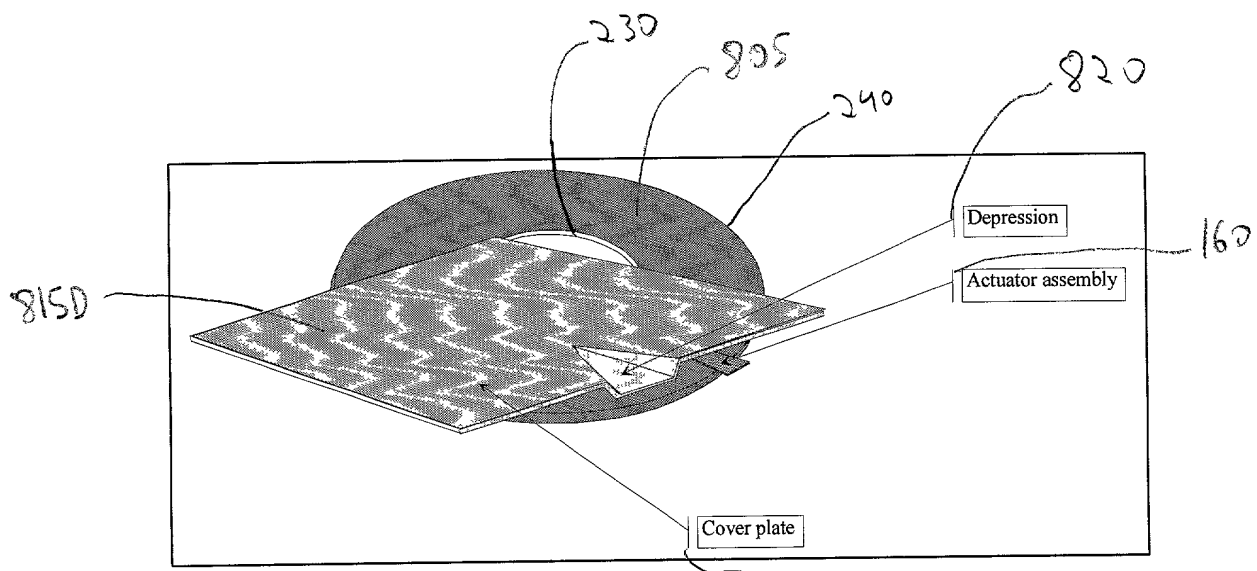


FIG. 8A: 810

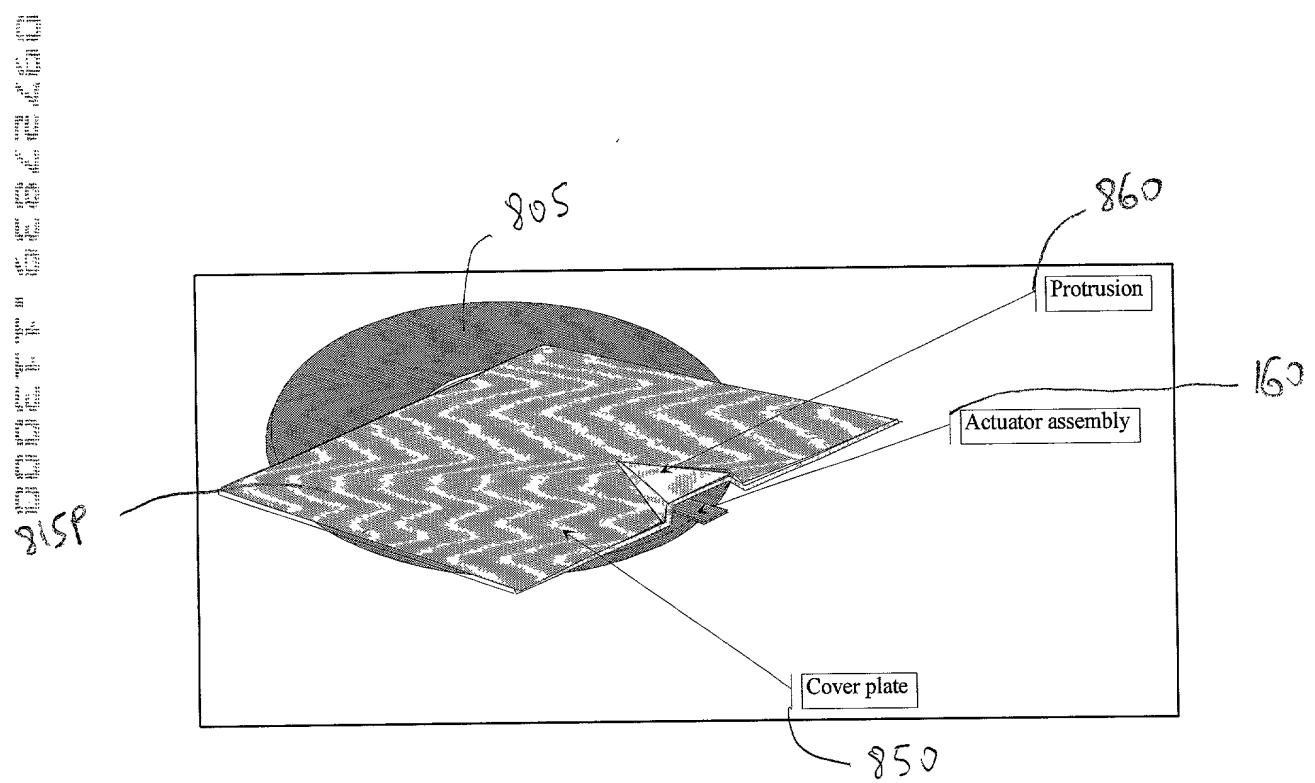


FIG. 8B

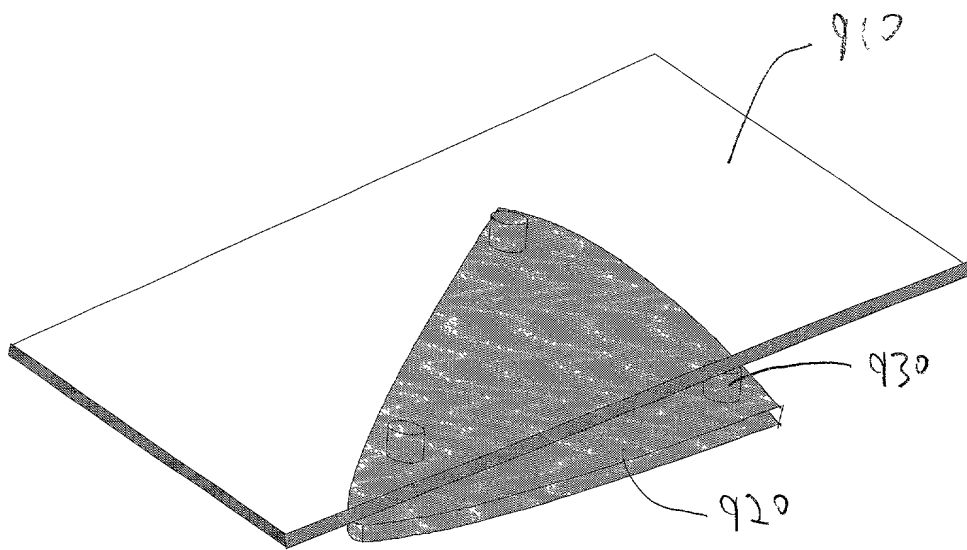


FIG. 9A

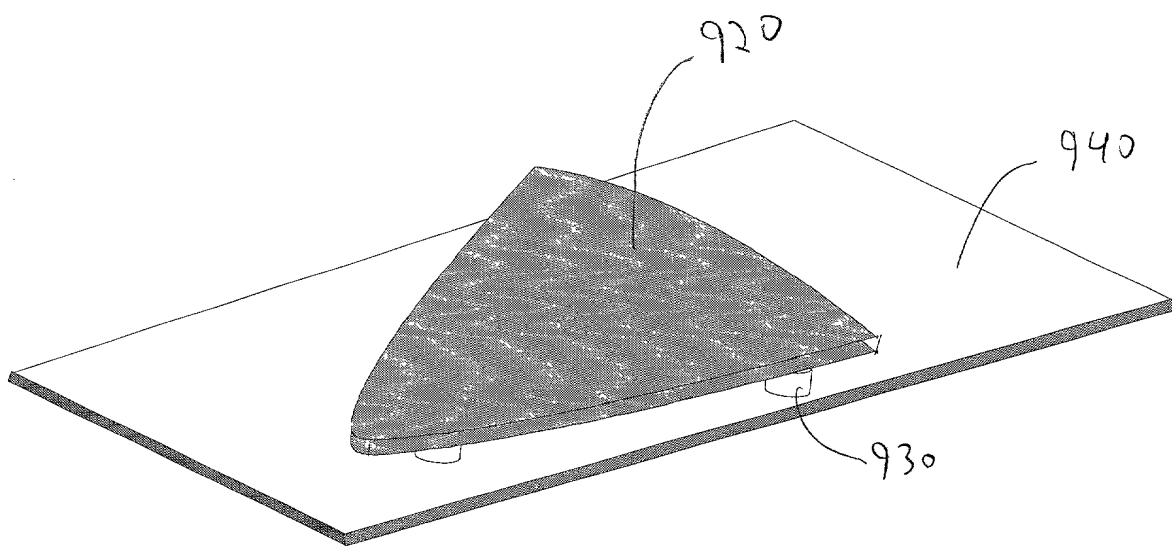


FIG. 9B